

CLAIMS

This listing of claims will replace all prior versions, and listings, of claims to the application.

1. (currently amended) A paper sheet having on the surface thereof calcium carbonate,
the calcium carbonate being on the surface of the paper sheet in the absence of other supporting particles,
said calcium carbonate having a maximum mean average size of 200 nm,
said paper sheet having less than 20 voids per 12.6 in² in the 6000th sheet when tested in a Void Test.
2. (original) The paper sheet of claim 1 wherein said calcium carbonate has a maximum mean average size of 100 nm.
3. (original) The paper sheet of claim 1 wherein said calcium carbonate has a maximum mean average size of 50 nm.
4. (original) The paper sheet of claim 1 having less than 15 voids per 12.6 in².
5. (original) The paper sheet of claim 4 wherein said calcium carbonate has a maximum mean average size of 100 nm.
6. (original) The paper sheet of claim 4 wherein said calcium carbonate has a maximum mean average size of 50 nm.
7. (original) The paper sheet of claim 1 having less than 10 voids per 12.6 in².
8. (original) The paper sheet of claim 7 wherein said calcium carbonate has a maximum mean average size of 100 nm.
9. (original) The paper sheet of claim 7 wherein said calcium carbonate has a maximum mean average size of 50 nm.
10. (original) The paper sheet of claim 1 in which said paper has a Gurley stiffness 10% greater than a paper not coated with said calcium carbonate.
11. (currently amended) A paper sheet having on the surface thereof calcium carbonate,
the calcium carbonate being on the surface of the paper sheet in the absence of other supporting particles,
said calcium carbonate having a maximum mean average size of 200 nm,
said paper sheet having a Gurley stiffness 10% greater than a paper not coated with said calcium carbonate.
12. (original) The paper sheet of claim 11 wherein said calcium carbonate has a maximum mean average size of 100 nm.

13. (original) The paper sheet of claim 11 wherein said calcium carbonate has a maximum mean average size of 50 nm.

14. (original) The paper sheet of claim 11 wherein
said paper sheet has a Gurley stiffness 25% greater than a paper not coated with said calcium carbonate.

15. (original) The paper sheet of claim 14 wherein said calcium carbonate has a maximum mean average size of 100 nm.

16. The paper sheet of claim 14 wherein said calcium carbonate has a maximum mean average size of 50 nm.